JRM:dks 6/30/05



PATENT ATTY. REF. NO. P0910D

TED STATES PATENT AND TRADEMARK OFFICE

In re application of

Howard et al.

Serial No.: 10/723,240

Filed: November 26, 2003

Examiner; A. Au

For: SYSTEMS AND METHODS FOR

MANAGING AND DETECTING FRAUD IN IMAGE DATABASES USED WITH IDENTIFICATION DOCUMENTS

Date: June 30, 2005

Art Unit 2623

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on June 30, 2005, as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450,

ALEXANDRIA, VA 22313-1450.

Joel Ameyer
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449. Copies of foreign patent documents and non-patent publications are enclosed.

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

No fee is required since this document is being submitted prior to the date of a first Office action.

If a first Office action on the merits was mailed prior to the mailing of this Information Disclosure Statement, please charge to Deposit Account No. 50-1071 any fees that may be required for considering this Information Disclosure Statement under 37 C.F.R. § 1.17(p).

Date: June 30, 2005

Respectfully submitted,

DIGIMARC CORPORATION

Customer Number 23735

Telephone: 503-885-9699 FAX: 503-885-9880

Joel R. Meyer

Registration No. 37,677

Page 1 of 2

INFORMATION DISCLOSURE STATEMENT

Docket: P0910D Ser. No.: 10/723,240

Applicant: Howard et al.

Filed: November 26, 2003 Group: 2623

<u>\$</u>		-US Patent Doc	uments				
Ex'r Initial	Number	Date	Inventor	Class			
	5224173	6/29/93	Kuhns et al.				
	5450504	9/12/95	Calia				
	5982912	11/9/99	Fukui et al.				
	5991429	11/23/99	Coffin et al.	ŀ			
	6038333	3/14/00	Wang				
	6072894	6/6/00	Payne				
	6111517	8/29/00	Atick et al.				
	6111517	8/29/00	Atick et al.				
	6151403	11/21/00	Luo				
	6160903	12/12/00	Hamid et al.				
	6185316	2/6/01	Buffam				
	6219639	4/17/01	Bakis et al.				
	6292575	9/18/01	Bortolussi et al.				
	6430306	8/6/02	Slocum et al.				
	6681032	1/20/04	Bortolussi et al.				
	2002/0136448	9/26/02	Bortolussi et al.				
	2003/0031348	2/13/03	Kuepper et al.				
	2002/0034319	3/21/03	Tumey et al.				
	2003/0059124	3/27/03	Center, Jr.				
	2003/0099379	5/29/03	Monk et al.				
	2003/0115459	6/19/03	Monk				
	2003/0161507	8/28/03	Lawandy				
		Foreign Patent D	•				
Ex'r Initial	Number	Date	Country	Class			
	WO00/10116	2/24/00	PCT				
		Other Refere	ences				
Ex'r Initial			Cite				
_	"Authentication and	Security Technologies," I/O So	oftware, Inc., 4 pages.				
	"Biometric Access (Control System, Face and Finge	rprint Recognition," BioAxs 9800, 4	pages.			
	"FaceIt Identification SDK," Identix, Inc., 2002, 2 pages.						
	"FaceIt An Award-Winning Facial Recognition Software Engine," Visionics, not dated, 1 page.						
	FaceIt-Hands off, continuous and in real-time," Visionics, not dated, 1 page.						
	FaceIt, "Real Time Facial Surveillance and Identification System," not dated, 5 pages						

Examiner Signature:			-	Date Considered:			
4T ' T'. 1.C	• • •	1 .1	 _	1.1 A CDEED COO 1	 	1	 1

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page 2 of 2

INFORMATION DISCLOSURE STATEMENT

Docket: P0910D Ser. No.: 10/723,240

Applicant: Howard et al.

Filed: November 26, 2003 Group: 2623

 "Facial Scan Technology: How It Works," Facial-Scan, 1999, 4 pages.				
'Facial Scan Vendors and Links," Facial-Scan, 1999, 3 pages.				
"Frequently Asked Questions," FaceIt software, not dated, 13 pages.				
 "ID-2000-Image Detection & Biometric Facial Recognition," 2000, 3 pages.				
 "Identification Solutions-Driver's Licenses and Passports," Imagis Technologies, 2001, 1 page.				
 Identix, Inc., "ImageWare Brings Facial Recognition to the Web, press release, 2002, 2 pages.				
ImageWare Takes Enterprise ID Management to the World Wide Web, new release, 2001, 2 pages.				
"Introducing Smart CCTV," FaceIt, Visionics, 2000, 8 pages.				
 Hong et al., Integrating Faces and Fingerprints for Personal Identification, IEEE Trans. on Pattern Analysis and Machine Intelligence, Vol. 20, No. 12, Dec., 1998, pp. 1295-1307.				
Indovina, "Multimodal Biometric Authentication Methods," A COTS Approach, 8 pages.				
Jain et al., A Multimodal Biometric System Using fingerprint, Face and Speech, Proc. 2d Int. Conf. on AVBPA, March 1999, pp. 182-187.				
Jarvis, "Are Privacy Rights of Citizens Being Eroded Wholesale?" not dated, 5 pages.				
Liu, "A Practical Guide to Biometric Security Technology," 2001 IEEE, Jan/Feb 2001 IT PRO, pp. 27-32.				
Madan, "The Face is Familiar," 2001, 2 pages.				
Mhatre, "Efficient Search and Retrieval in Biometric Databases," 4 pages.				
 "Multi-Modal Biometrics Authentication System," findbiometrics.com - Multimodal Biometrics Guides and Articles, 10/9/03, 4 pages.				
"Multimodal Biometric Systems: Applications and Usage Scenarios, International Biometric Group, 2003, 27 pages.				
 Nandakumar, "Score Normalizatin in Multimodal Biomentric Systems," 2 pages.				
Palla, "Classificatin and Indexing in Large Biometric Databases," 2 pages.				
 Ross, "Information Fusion in Biometrics," Proc. of 3 rd Intl Conf. on Audio- and Video-Based Person Authentication, pp. 354-359, June 6-8, 2001.				
Ross, "Multimodal Biometrics: An Overview," 12 European Signal Processing Conf., pp. 1221-1224, Sept, 2004.				
Unisys Selects Identix for Department of Defense Research on Three Dimensional Facial Recognition," Press Release, July 29, 2003, 3 pages.				
Wayne Electronics, Inc., What is FaceIt? 2001, 5 pages.				
"We're Watching Out for You," Business Solutions, 1999, 3 pages.				
"Willems, "Biometrics: Detecting the 'Goats'," Speech Technology Magazine, 10/9/03, 6 pages				

Examiner Signature:	Date Considered:

^{*}Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.